



2010 FLL CHALLENGE

RESOURCES

SCIENCE WEB SITES GEARED TO CHILDREN

Science for Kids

<http://www.eurekalert.org/scienceforkids/>

National Geographic Kids

<http://kids.nationalgeographic.com/>

Science News for Kids

<http://www.sciencenewsforkids.org/>

PROFESSIONAL ORGANIZATIONS

Engineering in Medicine and Biology Society

<http://www.embs.org/>

American Academy of Orthotists and Prosthetists

www.oandp.org

Orthopaedic Research Society

<http://www.ors.org/web/index.asp>

American Institute for Medical and Biological Engineering

<http://www.aimbe.org/>

Biomedical Engineering Society

http://bmes.associationdatabase.com/aws/BMES/pt/sp/Home_Page

Stanford Biodesign Program

<http://innovation.stanford.edu/bdn/index.jsp>

BME Source

<http://171.65.102.151/~bmesource>

Web portal for the biomedical technology design community. It provides a guide to high-quality, basic information about clinical problems, biomedical technologies that address them and business and law resources that assist in technology transfer.

MATERIALS

Society for Biomaterials

<http://www.biomaterials.org/>

Materials Research Society

http://www.mrs.org/s_mrs/index.asp

CAREERS

Careers in Biomedical Engineering from the Biomedical Engineering Society

<http://bmes.seas.wustl.edu/careers.asp>

BME Alliance

<http://www.bmecareeralliance.org/>

Careers in Orthotics and Prosthetics

www.opcareers.org

OTHER ARTICLES AND SOURCES

World Health Organization – International Classification of Functioning, Disability and Health

<http://www.who.int/classifications/icf/en/>

<http://usfirst.org/fll> • <http://firstlegoleague.org> • FLL® is the result of an exciting alliance between FIRST® and the LEGO Group.

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BOOKS

Artificial Limbs (Innovation in Medicine; 21st Century Skills)
by Susan Heinrichs Gray
Publisher: Cherry Lake Pub., Ann Arbor, MI (August 2008)

Ugh! Icky, Sticky, Gross Stuff in the Hospital (Icky, Sticky,
Gross-Out Books) by Pam Rosenberg, Beatriz Helena Ramos
(Illustrator)

Publisher: The Child's World, Inc., Mankato, MN (2008)

The Human Body by Seymour Simon
Publisher: Collins; First Edition (September 2, 2008)

Human Body (DK Eyewitness Books) by Richard Walker
Publisher: DK CHILDREN; Har/Com/Ps edition (March 30,
2009)

Enjoy Your Cells series
Cold Spring Harbor Laboratory Press, Danvers, MA

Blood and Guts (The Brown Paper School) by Linda Allison
Publisher: The Yolla Bolly Press, Covelo, CA (1976)

Human Body by Steve Parker
Publisher: Mason Crest Publishers, Broomall, PA (2009)

Exploring The History Of Medicine: From The Ancient
Physicians Of Pharaoh To Genetic Engineering
by John Hudson Tiner
Publisher: Master Books, Green Forest, AR (1999)

Girls Think of Everything: Stories of Ingenious Inventions by
Women by Catherine Thimmesh, Melissa Sweet (Illustrator)
Publisher: Houghton Mifflin Company, New York, NY
(2000)

The Kid Who Invented the Popsicle: And Other Surprising
Stories about Inventions by Don L. Wulffson
Publisher: Puffin Books, New York, NY (1999)

We also found a number of books on various body systems
published by The Child's World (author: Susan Heinrichs
Gray) and True World (author: Christine Taylor-Butler).

MAGAZINE ARTICLE

Batteries Built by Viruses by Stephen Ornes
Publication: Science News for Kids (Magazine/Journal)
Date: October 28, 2009
Publisher: Science Service, Inc.